10/647,232

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> d his

     (FILE 'HOME' ENTERED AT 20:30:37 ON 19 NOV 2006)

     FILE 'BIOSIS, MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 20:31:44 ON
     19 NOV 2006
L1         19359 S DENDRIMER?
L2           397 S L1 AND EXTRACT? (4A) (NUCLEIC ACID? OR PROTEIN?)
L3           349 S L2 AND AMINO
L4             1 S L3 AND MULTILAYER? (4A) DENDRIMERS
L5           267 S L3 AND PARTICLES
L6            11 S L5 AND MULTILAYER
L7            10 S L6 NOT L4
L8            10 DUP REM L7 (0 DUPLICATES REMOVED)

=> s l1 and multilayer
L9           546 L1 AND MULTILAYER

=> s l9 and amino? (5a) surface
L10           27 L9 AND AMINO? (5A) SURFACE

=> s l10 and extract? (4a) (nucleic acid? or protein?)
   3 FILES SEARCHED...
L11            2 L10 AND EXTRACT? (4A) (NUCLEIC ACID? OR PROTEIN?)

=> dup rem l11
PROCESSING COMPLETED FOR L11
L12            2 DUP REM L11 (0 DUPLICATES REMOVED)

=> d l12 bib abs 1-2

L12  ANSWER 1 OF 2  WPIDS COPYRIGHT 2006       THE THOMSON CORP on STN
AN   2004-434733 [41]   WPIDS
DNC  C2004-163401 [41]
DNN  N2004-343658 [41]
TI   Extracting nucleic acid or protein
     using dendrimer having an amino group, involves
     extracting a nucleic acid or protein
     by the amino group present on the dendrimer
DC   B04; D16; S03
IN   BRANDON Y; FUKUSHIMA K; MATSUNAGA T; SATO S; SATOU S; TAKEYAMA H; YOZA B
PA   (MATS-I) MATSUNAGA T; (YOKG-C) YOKOGAWA DENKI KK; (YOKG-C) YOKOGAWA
     ELECTRIC CORP
CYC  2
PIA  JP 2004150797   A  20040527 (200441)* JA  13[4]
     US 20050260600  A1 20051124 (200578)  EN
     JP 3756477      B2 20060315 (200620)  JA  12
ADT  JP 2004150797 A JP 2002-269867 20020917; US 20050260600 A1 US 2003-647232
     20030826; JP 3756477 B2 JP 2002-269867 20020917
FDT  JP 3756477      B2 Previous Publ JP 2004150797   A
PRAI JP 2002-269867 20020917
AN   2004-434733 [41]   WPIDS
AB   JP 2004150797 A   UPAB: 20060203
      NOVELTY - Extracting (M1) nucleic acid or
     protein using dendrimer having an amino group comprising
     extracting a nucleic acid or protein
     by the amino group present on the dendrimer, where multilayered
     dendrimer is produced on the surface of microparticles
     and amino group is produced on the surface of the
     dendrimer, is new.
           DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
     dendrimer composition comprising multilayer
     dendrimer by which repeating combination is carried out at the
     surface of the microparticle.
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USE - (M1) is useful for extracting nucleic acid or protein by using dendrimer (claimed).

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of dendrimer. (Drawing includes non-English language text).

L12 ANSWER 2 OF 2 USPATFULL on STN
AN 96:67879 USPATFULL
TI Methods for detection of an analyte
IN Bogart, Gregory R., Berthoud, CO, United States
Moddel, Garret R., Boulder, CO, United States
Maul, Diana M., Thornton, CO, United States
Etter, Jeffrey B., Boulder, CO, United States
Crosby, Mark, Niwot, CO, United States
PA Biostar, Inc., Boulder, CO, United States (U.S. corporation)
PI US 5541057 19960730
AI US 1993-75952 19930610 (8)
RLI Continuation-in-part of Ser. No. US 1992-924343, filed on 31 Jul 1992, now abandoned And a continuation-in-part of Ser. No. US 1992-873097, filed on 24 Apr 1992, now abandoned which is a continuation-in-part of Ser. No. US 1989-408291, filed on 18 Sep 1989, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Jones, W. Gary; Assistant Examiner: Sisson, Bradley L.
LREP Lyon & Lyon
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN 62 Drawing Figure(s); 23 Drawing Page(s)
LN.CNT 5337
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Method for detecting the presence or amount of an analyte of interest in a sample by providing a substrate having an optically active surface exhibiting a first color in response to light impinging thereon, and exhibiting a second color comprising a combination of wavelengths of light different from the first color or comprising an intensity of at least one wavelength of light different from the first color, in response to the light when the analyte is present on the surface in an amount selected from any one of 0.1 nM, 0.1 ng/ml, 50 fg, 2+10.sup.3 organisms comprising the analyte; and contacting the optically active surface with a sample potentially comprising the analyte of interest under conditions in which the analyte can interact with the optically active surface to cause the optically active surface to exhibit the second color when the analyte is present.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.